

UTAH OIL AND GAS CONSERVATION COMMISSION

21

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED SUB. REPORT/abd** Location Abandoned - Well never drilled*

DATE FILED 7-20-83

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO. U-52762

INDIAN

DRILLING APPROVED 7-21-83 (OIL)

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 5328' GR

DATE ABANDONED

FIELD: ~~Wildcat~~ *LA 2-4-85*
3/86 Undesignated

UNIT:

COUNTY: Uintah

WELL NO. Federal PFI 4-14

API #43-047-31362

LOCATION 1864' FSL FT. FROM (N) (S) LINE.

1851' FEL

FT. FROM (E) (W) LINE.

NWSE

1/4 - 1/4 SEC.

14

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

8S

24E

14

PRIMARY FUELS INC.

DAVE LITTLE

LOCATION CONSTRUCTION AND RECLAMATION
Specializing in NTL 1 through 100

July 14, 1983

State of Utah
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

RE: Well No. PFI #4-14
NWSE, Sec. 14, T8S, R24E
Uintah County, Utah

Dear Ron:

We intend to haul our water for the above well
from the Gilsonite plant at Bonanza, Utah, under
their existing water rights.

OK
mm

Sincerely,

D.C. Little, Rep.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Primary Fuels, Inc., c/o D.C. Little

3. ADDRESS OF OPERATOR

PO Box 2212, Rock Springs, Wyoming 82902

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NW SE 1851' FEL & 1864' FSL

At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

39.5 miles SE from Vernal, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

440

19. PROPOSED DEPTH

4340'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5328'

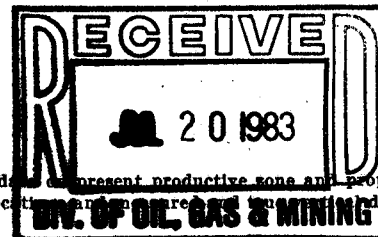
22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24# - J55	500'	Circ. cement to surface
7-7/8"	5-1/2"	15.50# J55	4340'	Sufficient to cover 1000' above producing sand. To be determined after logging

Plan to drill a 4340' Wasatch test. If the well is productive it will be cased as shown above and completed as indicated on the 10-point plan. If a dry hole is drilled, it will be plugged as Per MMS/Bureau of Land Management and the State of Utah requirements.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface location and proposed depths. Give blowout preventer program, if any.

24.

SIGNED

David C. Little

TITLE Rep.

DATE

JUL 14 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE: 7-21-83

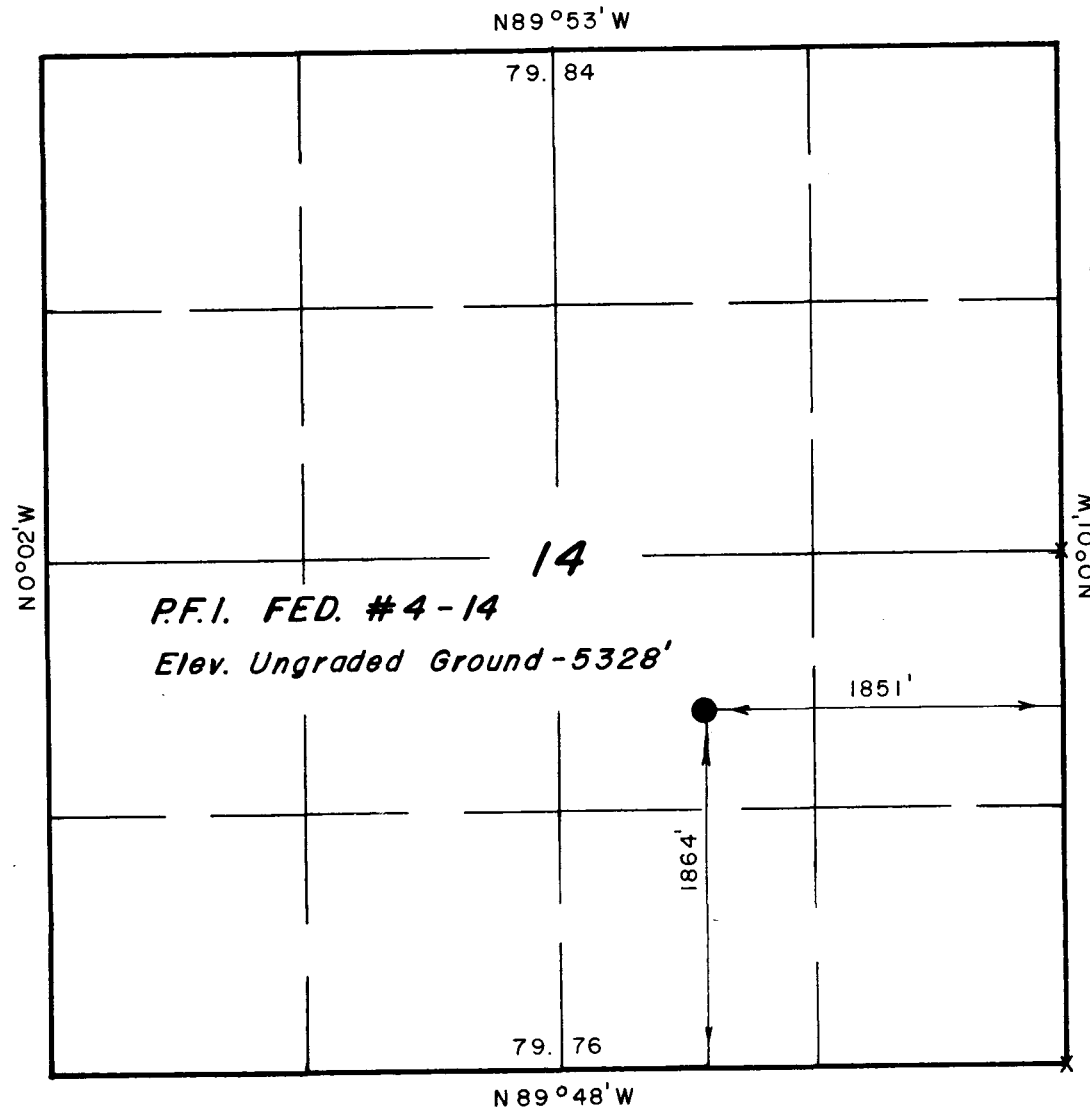
BY: [Signature]

*See Instructions On Reverse Side

T 8 S, R 24 E, S.L.B.&M.

PROJECT
PRIMARY FUELS INC.

Well location, *P.F.I. FED. #4-14*,
located as shown in the NW1/4
SE 1/4 Section 14, T8S, R24E,
S.L.B.&M. Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Nelson J. ...
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	7/13/83
PARTY	L.D.T. T.J. S.B.	REFERENCES	GLO Plat
WEATHER	Clear & Hot	FILE	PRIMARY FUELS

ADDITIONAL INFORMATION

Primary Fuels, Inc.
Well PFI #4-14
NW SE Sec. 14, T8S, R24E
Uintah County, Utah

1. GEOLOGIC SURFACE FORMATION

The surface formation is the Uintah formation

2. ESTIMATED TOPS FOR IMPORTANT GEOLOGIC MARKERS

Green River	1,140'
Base of Shale	2,970'
"H" Marker	3,210'
"B" Sand	4,122'
"Y" Sand	4,158'
"G" Sand	4,180'
Wasatch	4,286'
TD	4,340'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OF MINERAL BEARING FORMATIONS

Estimated depth of oil 4,158'. Fresh water will be Protected/Reported.

4. PROPOSED CASING PROGRAM

See APD, Item #23.

5. OPERATOR'S MINIMUM SPECIFICATION FOR PRESSURE CONTROL EQUIPMENT

The attached is a schematic diagram of equipment to be used. A 10" 3000-psi double hydraulic BOP, 10" 3000-psi Annular preventor and a 10" 2000-psi casing head. To be pressure tested on installation to 70% of internal yield of casing. BOP's to be operationally tested daily. Accumulator system will be located a safe distance from the rig and will be hydraulic operated. A console to be operated hydraulically will be on location of not the BOP's will be manually operated.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATING FLUID

<u>INTERVAL</u>	<u>NW</u>	<u>VISC</u>	<u>FL</u>	<u>TYPE</u>
0' - 3000'		Fresh Water		
3000' - TD	8.6 - 9.6	32-38	10-12	Gel-KCL

Primary Fuels, Inc.
Well PFI #4-14
NW SE, Sec. 14, T8S, R24E
Uintah County, Utah

Page No. 2

7. AUXILIARY EQUIPMENT

- A. A kelly cock will be used at all times.
- B. A float will be used above the bit whenever possible.
- C. Pit level will be visually monitored at all times.
- D. A stabbing valve will be on the rig floor to be stabbed into the drill pipe when the kelly is not in use.

8. TESTING, LOGGING AND CORING PROGRAMS TO BE FOLLOWED

- A. DST will be at the discretion of the well site geologist.
- B. No coring is anticipated.

C. Logging:	<u>Type</u>	<u>Depth</u>
	FDC/CNL	TD to 500'
	DIL-GR	TD to 500'

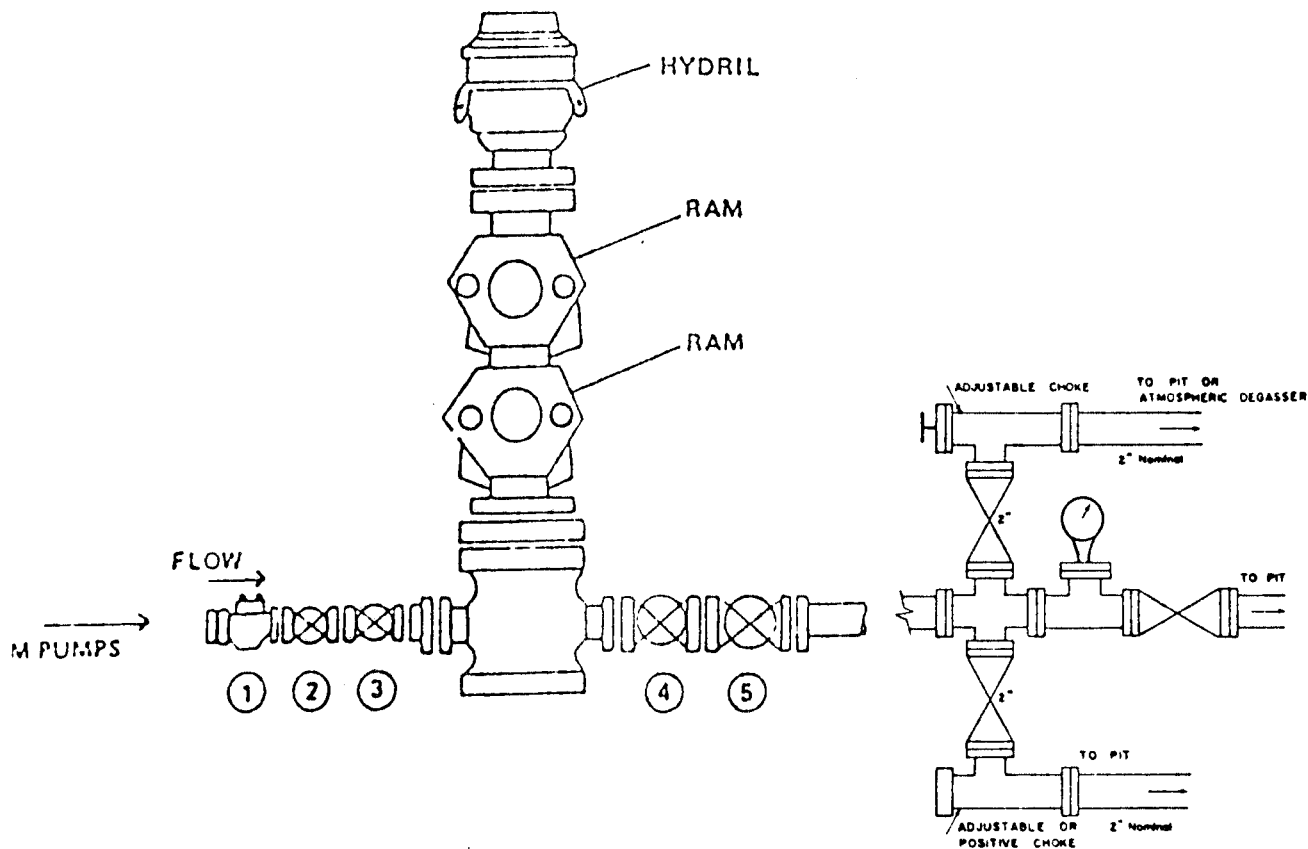
9. ANY ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

No abnormal pressures or high temperatures are anticipated at this depth.

10. DRILLING SCHEDULE

Anticipated starting date during the month of July 1983 with duration of operations expected to last about 30 days. A Rat Hole digger may be used to set 40' of 16" conductor and drill the rat hole and mouse hole.

●●MINIMUM●● BOP Requirements



recommended choke manifold for 2000 and 3000
psi WP service.

KILL LINE

- Valve #1 — Flanged check valve
Full working pressure
of BOP
- Valves #2 & 3 — Flanged, minimum 2" bore
Full working pressure of BOP

CHOKE LINE

- Valve #4 & 5 — Flanged minimum 2" bore full
working pressure of BOP
(Note: An HCR can be used
instead of Valve #5)

GENERAL RULES AND RECOMMENDATIONS

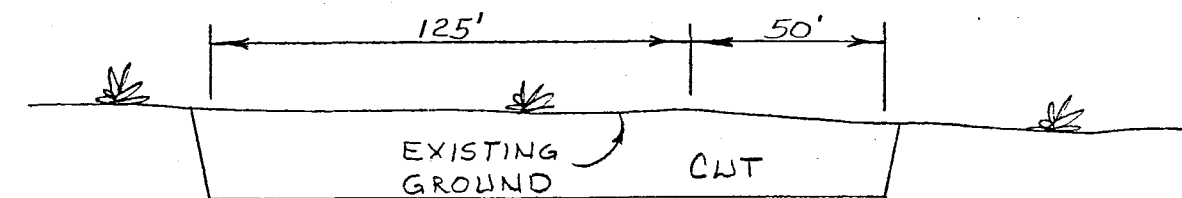
1. Test BOP's [REDACTED] to 70% of Internal yield of casing. HYDRIL TO 50% OF WORKING PRESSURE
2. All lines to manifold are to be at right angles (90 deg.). No 45 deg. angles are to be used. Blind flanges are to be used for blanking.
3. ALL studs and nuts are to be installed on all flanges.
4. Choke manifold may be screwed connections behind chokes.

PRIMARY FUELS INC.

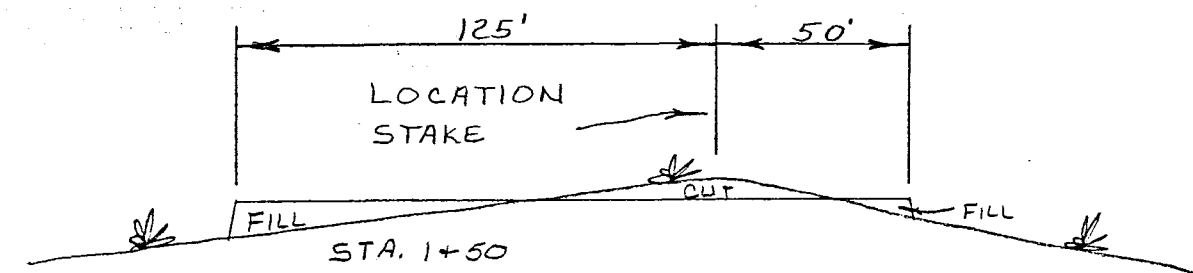
P.F.I. FED. # 4-14

LOCATION LAYOUT & CUT SHEET

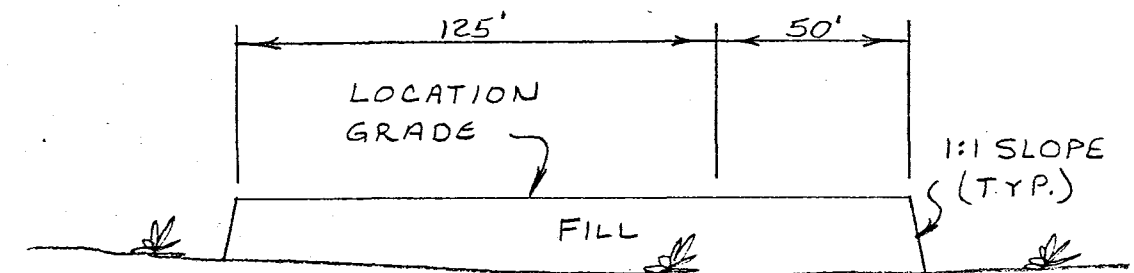
C
R
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N
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STA. 0+00



STA. 1+50



STA. 3+00

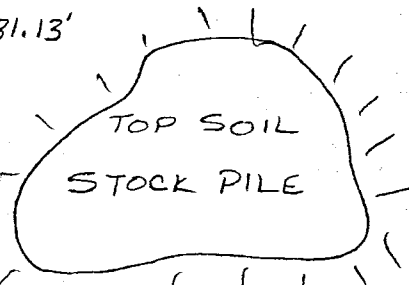
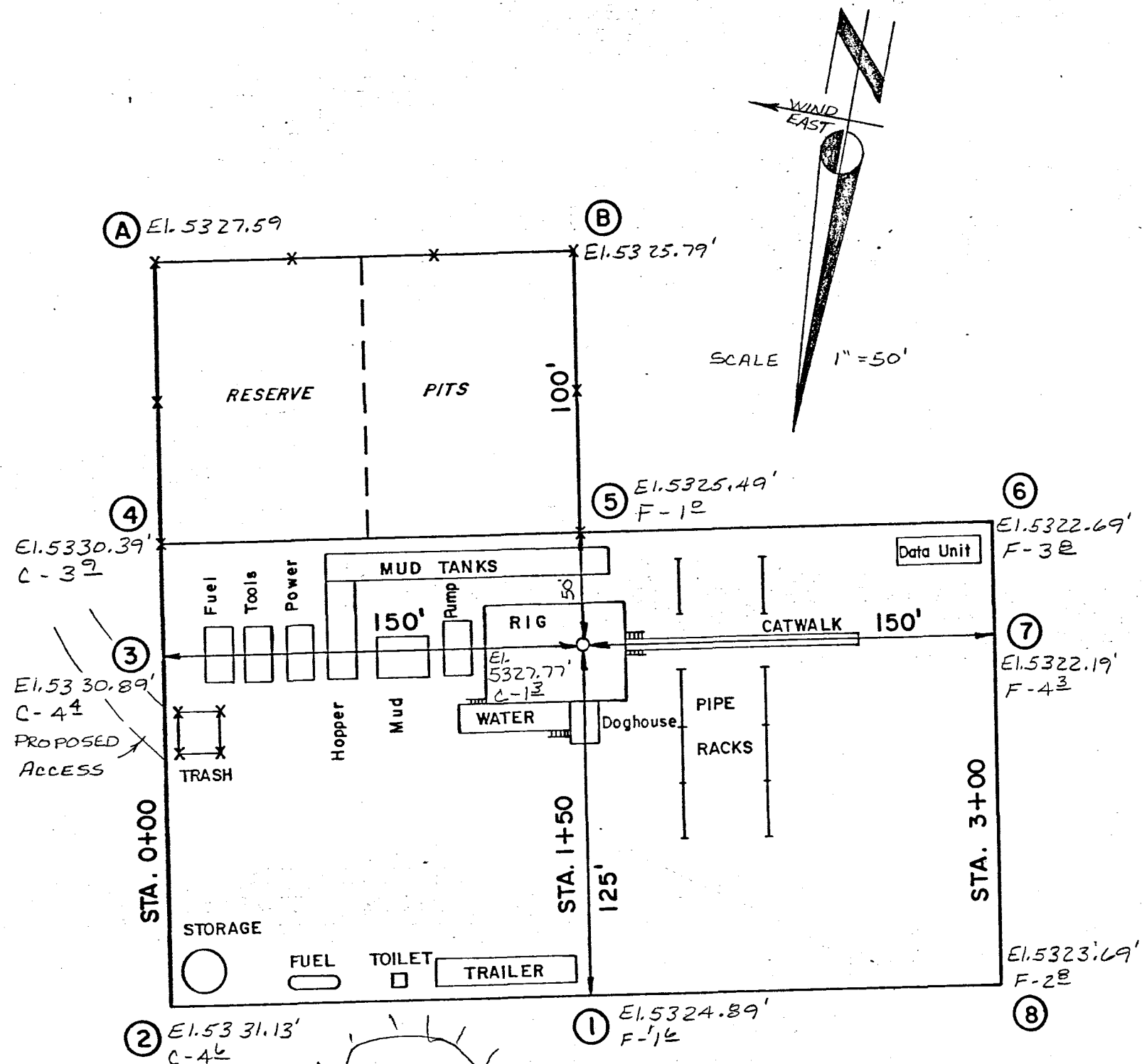
Scales

1" = 50'

APPROXIMATE YARDAGES

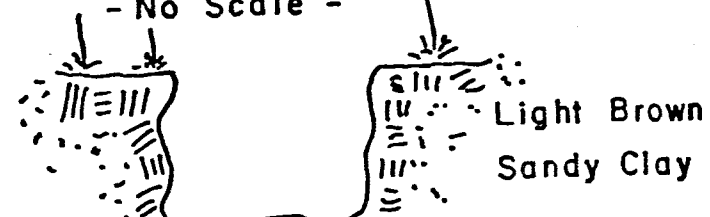
Cubic Yards Cut - 2,485

Cubic Yards Fill - 2,216



SOILS LITHOLOGY

- No Scale -



PRIMARY FUELS INC.

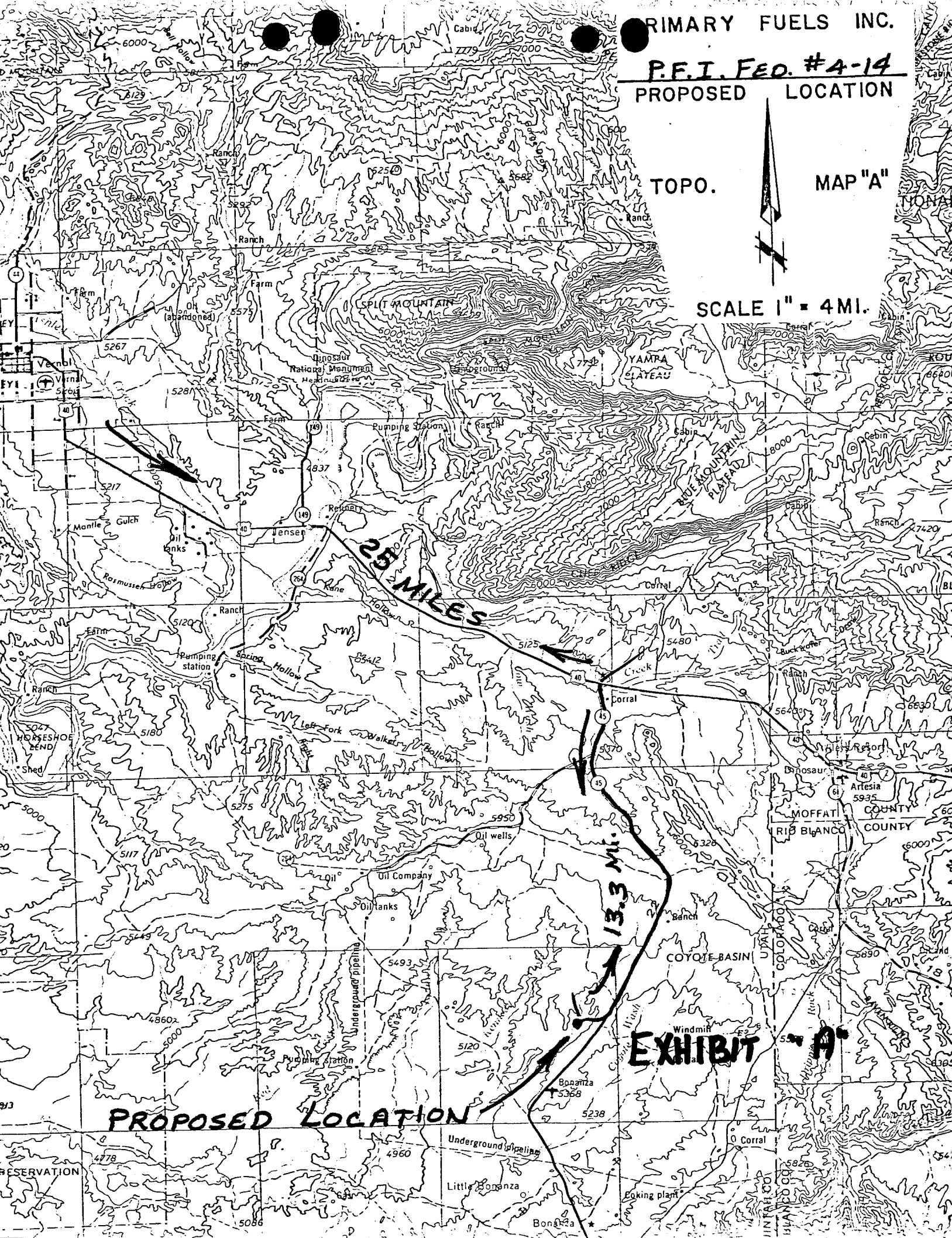
P.F.I. FED. #4-14

PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 4 MI.



PRIMARY FUELS IN

P.F.I. FED. #4-14
PROPOSED LOCATION

TOPO.

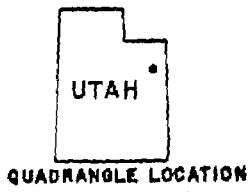
MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather,
improved surface

Unimproved road fair or dry
weather



PROPOSED LOCATION
P.F.I. FED. #4-14

PROPOSED ACCESS ROAD

EXHIBIT "B"

U.S. HWY 40 12.4 Mi.
VERNAL UT 37.4 Mi.

0.6 Mi.

EXISTING LOCATION

Bonanza
Landing

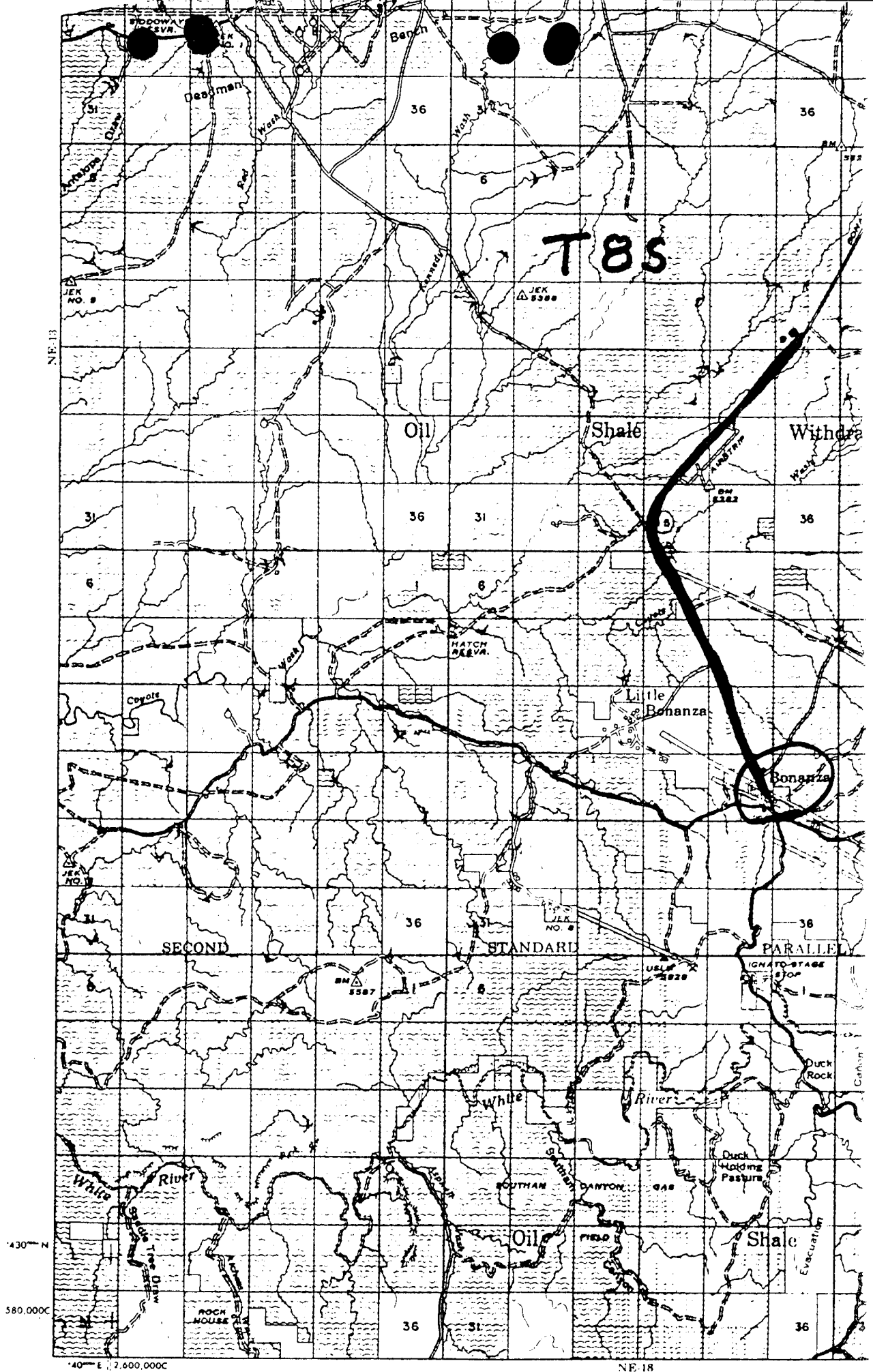
R.R.
24
25
E

Coyote

Wash

...to give a
 n, the official land
 :ate offices of the
 anagement should
 ate and up-to-date
 ific tract of land.
 te your submitting
 errors, corrections
 the map to the
 of Land Manage-
 which the maps

R
2
4
E



SCALE 1:126,720
 1/2 INCH = 1 MILE SERIES

EXHIBIT "C"

Primary Fuels, Inc. c/o D. C. Little
Well No. 4-14
Section 14, T8S, R22E
Uintah County, Utah
Lease U-52762

Supplemental Stipulations:

1. Traveling off the access road right-of-way will not be allowed. The maximum width of access roads, both existing and planned, will be 30 feet total disturbed area. Turn-outs will not be required. Bar ditches will be installed where necessary. Roads will be crowned and properly maintained.
2. Burn pits will not be constructed. There will be no burning or burying of garbage or trash at the well site. Refuse will be contained in trash cages and hauled to an approved disposal site.
3. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pit.
4. The top 6-8" of topsoil would be stockpiled at the back side of the location near reference stakes 1, 2, and 8. This includes topsoil from the reserve pit.
5. Approximately 1500 feet of existing road along the railroad to the Bonanza Power Plant would be used for access to the three wells. The proposed access to recently approved for drilling well #2-13 would also be shared access for these wells.
6. In this special case, permission is given for a temporary access road between the approved #1-14 location where the rig is now and the #4-14 location with the understanding that Primary fuels would file for a right-of-way permit when production is established at the #4-14 location. Primary Fuels holds both adjacent leases U-36862 and U-52762. Lease U-52762 surround the U-36862 lease on three sides. The other proposed access roads do not require a right-of-way since they are entirely on lease.
7. All permanent structures, (on location for (6) months duration or longer), constructed or installed, including the pumpjack and covering over tank insulation, will be painted a flat, non-reflective earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities will be painted within 6 months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. standards are excluded. The choice of color may vary depending on the location.
8. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding requirements.
9. Add Bloopie Pit to plans.

10. Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Mahogany zone of the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers. See attached tentative casing and cementing program for the Uinta Basin.

OPERATOR PRIMARY FUELS INC.

DATE 7-21-83

WELL NAME FED PFI #4-14

SEC NWSE 14 T 8S R 24E COUNTY UINTAH

43-047-31362
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

MAP

☐

HL

☐

NID

☐☐

PI

PROCESSING COMMENTS:

water source OK

✓
7/21/83
CHIEF PETROLEUM ENGINEER REVIEW:

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

c-3-a

CAUSE NO. & DATE

☒

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☒ APPLY SPACING CONSIDERATION

☐ ORDER ND

☐ UNIT ND

☒ c-3-b

☐ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

July 21, 1983

Primary Fuels, Inc.
c/o D. C. Little
P. O. Box 2212
Rock Springs, Wyoming 82902

RE: Well No. Federal PFI #4-14
NWSE Sec. 14, T. 8S, R. 24E
1864' FSL, 1851' FEL
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31362.

Sincerely,

Norman C. Stout
Administrative Assistant

NcS/as
cc: Oil & Gas Operations
Encl.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 23, 1983

Primary Fuels Inc.
c/o D.C. Little
P.O. Box 2212
Rock Springs WY 82902

Re: Well No. Federal PFI #4-14
API #43-047-31362
1864' FSL, 1851' FEL NW SE
Sec. 14, T. 8S, R. 24E.
Uintah County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones
Well Records Specialist

CJ/cj

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐
well well other

2. NAME OF OPERATOR

Primary Fuels, Inc., c/o D.C. Little

3. ADDRESS OF OPERATOR

PO Box 2212, Rock Springs, Wyo. 82902

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

NW SE 1851' FEL & 1864' FSL

AT SURFACE: same

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) cancel location

SUBSEQUENT REPORT OF:

☐

☐

☐

☐

☐

☐

☐

☐

5. LEASE

U-52762

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Federal

9. WELL NO.

PFI #4-14

10. FIELD OR WILDCAT NAME

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 14, T8S, R24E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

14. API NO.

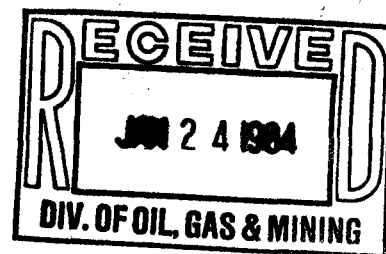
43-047-31362

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5328' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please cancel the above location



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE Rep. DATE Jan. 18, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

FEB 7 1985

DIVISION OF OIL
GAS & MINING

3100
O&G

February 4, 1985

Primary Fuels Inc.
c/o D. C. Little
P. O. Box 2212
Rock Springs, WY 82902

RE: Rescind Applications for Permit
to Drill
Well Nos. 2-14, 3-14 & 4-14
Section 14, T8S, R24E
Uintah County, Utah
Lease No. U-52762

Gentlemen:

We are cancelling the referenced Applications for Permit to Drill as per your request. If you intend to drill at these locations at a future date, new applications for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved locations of the wells will be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Craig K. Hansen
ADM for Minerals

bcc: well file
~~State O&G~~